Xi Yao

List of Publications by Year
in descending order

270 papers	5,322 citations	87888 38 h-index	123424 61 g-index
272 all docs	272 docs citations	272 times ranked	3703 citing authors

#	Article	IF	Citations
1	Microwave Dielectric Properties of Li₂WO₄ Ceramic with Ultraâ€Low Sintering Temperature. Journal of the American Ceramic Society, 2011, 94, 348-350.	3.8	206
2	Microwave Dielectric Ceramics in Li₂Oâ€“Bi₂O₃â€“MoO₃ System with Ultraâ€Low Sintering Temperatures. Journal of the American Ceramic Society, 2010, 93, 1096-1100.	3.8	192
3	Structures, Phase Transformations, and Dielectric Properties of Pyrochlores Containing Bismuth. Journal of the American Ceramic Society, 1997, 80, 2745-2748.	3.8	183
4	Novel temperature stable high-Îµ_rmicrowave dielectrics in the Bi₂O₃â€“TiO₂â€“V₂O₅system. Journal of Materials Chemistry C, 2016, 4, 5357-5362.	5.5	166
5	Photoflexoelectric effect in halide perovskites. Nature Materials, 2020, 19, 605-609.	27.5	132
6	Bi₂O₃â€“MoO₃ Binary System: An Alternative Ultralow Sintering Temperature Microwave Dielectric. Journal of the American Ceramic Society, 2009, 92, 2242-2246.	3.8	131
7	Investigation of glassy behavior of lead magnesium niobate relaxors. Journal of Applied Physics, 1996, 79, 8615-8619.	2.5	124
8	Engineering the Exciton Dissociation in Quantumâ€Confined 2D CsPbBr₃ Nanosheet Films. Advanced Functional Materials, 2018, 28, 1705908.	14.9	98
9	Microwave Dielectric Properties of Low Temperature Firing Bi₂Mo₂O₉ Ceramic. Journal of the American Ceramic Society, 2008, 91, 3419-3422.	3.8	93
10	Microwave Dielectric Properties of Li₂(M²⁺)₂Mo₃O₁₂ and Li₃(M³⁺)Mo₃O₁₂ (M=Zn, Ca, Al, and In) Lyonsiteâ€Relatedâ€Type Ceramics with Ultraâ€Low Sintering Temperatures. Journal of the American Ceramic Society, 2011, 94, 802-805.	3.8	92
11	Phase transition, Raman spectra, infrared spectra, band gap and microwave dielectric properties of low temperature firing (Na0.5xBi1â^'0.5x)(MoxV1â^'x)O4 solid solution ceramics with scheelite structures. Journal of Materials Chemistry, 2011, 21, 18412.	6.7	84
12	Influence of MnO₂ Doping on the Dielectric and Piezoelectric Properties and the Domain Structure in (K_{0.5}Na_{0.5})NbO₃ Single Crystals. Journal of the American Ceramic Society, 2010, 93, 941-944.	3.8	71
13	Polarization relaxation mechanism of Ba0.6Sr0.4TiO3/Ni0.8Zn0.2Fe2O4 composite with giant dielectric constant and high permeability. Journal of Applied Physics, 2010, 108, .	2.5	71
14	Microwave Dielectric Characterization of a Li₃NbO₄ Ceramic and Its Chemical Compatibility with Silver. Journal of the American Ceramic Society, 2008, 91, 4115-4117.	3.8	69
15	Temperature Dependence of Dielectric/Piezoelectric Properties of (1â^'x)Bi(Mg_{1/2}Ti_{1/2})O₃â€“xPbTiO₃ Ceramics with an MPB Composition. Journal of the American Ceramic Society, 2010, 93, 3330-3334.	3.8	69
16	Phase evolution, phase transition, and microwave dielectric properties of scheelite structured xBi(Fe1/3Mo2/3)O4â€“(1â^'x)BiVO4 (0.0 â‰¤ x â‰¤ 1.0) low temperature firing ceramics. Journal of Materials Chemistry, 2012, 22, 21412.	6.7	68
17	Dielectric enhancement and ferroelectric anomaly of compositionally graded (Pb,â€ŠCa)TiO3 thin films derived by a modified solâ€“gel technique. Applied Physics Letters, 2000, 76, 2779-2781.	3.3	67
18	Structural, dielectric, and ferroelectric properties of compositionally graded (Pb,La)TiO[sub 3] thin films with conductive LaNiO[sub 3] bottom electrodes. Applied Physics Letters, 2000, 77, 1041.	3.3	65

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19	Enhanced direct flexoelectricity in paraelectric phase of Ba(Ti0.87Sn0.13)O3 ceramics. Applied Physics Letters, 2013, 102, .	3.3	65
20	Enhanced ferroelectric properties in Mn-doped K0.5Na0.5NbO3 thin films derived from chemical solution deposition. Applied Physics Letters, 2010, 97, 072902.	3.3	61
21	Ultraâ€Low Firing Highâ€k Scheelite Structures Based on [(Li_{0.5}Bi_{0.5})_xBi_{1â^'x}][Mo_xV_{1â^'x}]O4 Microwave Dielectric Ceramics. Journal of the American Ceramic Society, 2010, 93, 2147-2150.	3.8	59
22	Solid Solubility and Transport Properties of Nanocrystalline(CeO2)1-x(BiO1.5)xby Hydrothermal Conditions. Chemistry of Materials, 1999, 11, 1259-1266.	6.7	57
23	Tunability and ferroelectric relaxor properties of bismuth strontium titanate ceramics. Applied Physics Letters, 2007, 90, 182902.	3.3	53
24	Anomalous Temperature-Dependent Excitonâ€“Phonon Coupling in Cesium Lead Bromide Perovskite Nanosheets. Journal of Physical Chemistry C, 2019, 123, 5128-5135.	3.1	50
25	Phase transformation in BiNbO4 ceramics. Applied Physics Letters, 2007, 90, 172910.	3.3	49
26	Dielectric tunability of Ba0.6Sr0.4TiO3/poly(methyl methocrylate) composites in 1-3-type structure. Applied Physics Letters, 2007, 91, .	3.3	49
27	Electrical Nonuniformity of Grain Boundaries within ZnO Varistors. Journal of the American Ceramic Society, 1993, 76, 1150-1155.	3.8	48
28	Phase transition and phase stability in [110]-, [001]-, and [111]-oriented 0.68Pb(Mg1/3Nb2/3)O3â^'0.32PbTiO3 single crystal under electric field. Journal of Applied Physics, 2008, 104, 024112.	2.5	48
29	An Effective Synthetic Route for a Novel Electrolyte: Nanocrystalline Solid Solutions of (CeO2)1-x(BiO1.5)x. Advanced Materials, 1999, 11, 146-149.	21.0	47
30	Improved electrical properties of (Pb,â€ŠLa)TiO3 thin films using compositionally and structurally compatible LaNiO3 thin films as bottom electrodes. Applied Physics Letters, 2001, 78, 3286-3288.	3.3	47
31	Microwave Dielectric Ceramics Li₂<scp>MO</scp>₄â^'TiO₂ (MÂ=ÂMo,) Tj ETQq1 1 0.784314	3.8	47
32	Sintering Behavior and Dielectric Properties of Ultraâ€Low Temperature Fired Silver Molybdate Ceramics. Journal of the American Ceramic Society, 2014, 97, 3597-3601.	3.8	45
33	Preparation of Porous BaTiO3 PTC Thermistors by Adding Graphite Porosifiers. Journal of the American Ceramic Society, 1994, 77, 2154-2156.	3.8	42
34	Microstructure and Electromagnetic Properties of SrTiO₃/Ni_{0.8}Zn_{0.2}Fe₂O₄ Composites by Hybrid Process. Journal of the American Ceramic Society, 2009, 92, 2005-2010.	3.8	42
35	Phase transition and dielectric properties of La-doped Pb(Zr,Sn,Ti)O3 antiferroelectric ceramics under hydrostatic pressure and temperature. Journal of Applied Physics, 2002, 92, 2663-2667.	2.5	41
36	Microwave and Infrared Dielectric Response of Temperature Stable (1â^'x)<scp><scp>BaMoO</scp>₄</scp>â€“x<scp><scp>TiO</scp>₂</scp> Composite Ceramics. Journal of the American Ceramic Society, 2012, 95, 232-237.	3.8	41

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37	Achieving Ultrahigh Breakdown Strength and Energy Storage Performance through Periodic Interface Modification in SrTiO₃ Thin Film. ACS Applied Materials & Interfaces, 2018, 10, 28745-28753.	8.0	41
38	Structure and dielectric properties of pyrochloreâ€“fluorite biphase ceramics in the Bi2O3â€“ZnOâ€“Nb2O5 system. Journal of Materials Research, 2001, 16, 83-87.	2.6	40
39	Crystal Structure and Microwave Dielectric Properties of an Ultralowâ€Temperatureâ€Fired (AgBi)_{0.5}WO₄ Ceramic. European Journal of Inorganic Chemistry, 2014, 2014, 296-301.	2.0	40
40	Dielectric and ferroelectric properties of compositionally graded (Pb,La)TiO3 thin films on Pt/Ti/SiO2/Si substrates. Applied Physics Letters, 2000, 77, 1203-1205.	3.3	38
41	Dielectric properties of pyrochlore (Bi1.5Zn0.5)(Nb0.5M1.5)O7 (M=Ti, Sn, Zr, and Ce) dielectrics. Applied Physics Letters, 2006, 88, 212901.	3.3	38
42	Microwave dielectric relaxation in cubic bismuth based pyrochlores containing titanium. Journal of Applied Physics, 2006, 100, 014105.	2.5	37
43	Effect of Pyrolysis Temperature on K_{0.5}Na_{0.5}NbO₃ Thick Films Derived from Polyvinylpyrrolidoneâ€Modified Chemical Solution. Journal of the American Ceramic Society, 2010, 93, 3686-3690.	3.8	37
44	Structure, Infrared Reflectivity and Microwave Dielectric Properties of (Na_{0.5}La_{0.5})MoO₄â€“(Na_{0.5}Bi_{0.5})MoO₄ Ceramics. Journal of the American Ceramic Society, 2016, 99, 2083-2088.	3.8	37
45	Nonlinear optical properties of lanthanum doped lead titanate thin film using Zâ€scan technique. Applied Physics Letters, 1996, 69, 458-459.	3.3	36
46	Abnormal ferroelectric properties of compositionally graded Pb(Zr,Ti)O3 thin films with LaNiO3 bottom electrodes. Journal of Applied Physics, 2001, 90, 506-508.	2.5	36
47	Temperature- and dc bias field- dependent piezoelectric effect of soft and hard lead zirconate titanate ceramics. Journal of Electroceramics, 2010, 24, 294-299.	2.0	36
48	Compositionally step-varied (Pb,â€ŠCa)TiO3 thin films with enhanced dielectric and ferroelectric properties. Applied Physics Letters, 2000, 76, 1063-1065.	3.3	35
49	Dielectric/ferroelectric response and phase transition of PMN0.32PT single crystal. Journal of Materials Science Letters, 2002, 21, 1325-1327.	0.5	35
50	Microwave Dielectric Properties of (Li_{0.5}Ln_{0.5})MoO₄ (LnÂ=ÂNd, Er,) Tj ETQq0 0 0 rgBT /Overlock	3.8	34
51	Postsintering annealing induced extrinsic dielectric and piezoelectric responses in leadâ€“zincâ€“niobate-based ferroelectric ceramics. Journal of Applied Physics, 2002, 92, 2709-2716.	2.5	33
52	Electric-field and temperature induced phase transitions in Pb(Mg1/3Nb2/3)O3â€“0.3PbTiO3 single crystals. Journal of Applied Physics, 2010, 108, 034112.	2.5	33
53	Multifunctional SrTiO3/NiZn ferrite/POE composites with eletromagnetic and flexible properties for RF applications. Journal of Electroceramics, 2009, 22, 221-226.	2.0	32
54	Variations of composition and dielectric properties of Pb(In1/2Nb1/2)O3-Pb(Mg1/3Nb2/3)O3-PbTiO3 single crystal along growth direction. Journal of Applied Physics, 2013, 113, 124105.	2.5	32

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55	Effect of dc bias on pressure-induced depolarization of Pb(Nb,Zr,Sn,Ti)O3 ceramics. Applied Physics Letters, 2008, 92, 072904.	3.3	31
56	Ferroelectric, Ferromagnetic, and Magnetoelectric Characteristics of 0.9(0.7BiFeO₃â€“0.3BaTiO₃)â€“0.1CoFe₂O₄ Ceramic Composite. Journal of the American Ceramic Society, 2010, 93, 2975-2977.	3.8	31
57	Properties of pbtio3, La-modified pbtio3 and Pb(Zr,Ti)O3 thin films and their application to infrared detectors. Integrated Ferroelectrics, 1997, 15, 271-279.	0.7	30
58	Piezoelectric and dielectric properties of PZN-BT-PZT solid solutions. Journal of Materials Science, 1999, 34, 3341-3343.	3.7	30
59	Effect of La₂O₃ substitutions on structure and dielectric properties of Bi₂O₃â€“ZnOâ€“Nb₂O₅-based pyrochlore ceramics. Journal of Materials Research, 1999, 14, 546-548.	2.6	29
60	Photoluminescence of Ge nanoparticles embedded in SiO2 glasses fabricated by a solâ€“gel method. Applied Physics Letters, 2002, 81, 5144-5146.	3.3	29
61	Slow relaxation of field-induced piezoelectric resonance in paraelectric barium stannate titanate. Applied Physics Letters, 2004, 84, 1534-1536.	3.3	29
62	Dielectric properties anomaly of (1â^'x)Pb(Ni1/3Nb2/3)O3â^'xPbTiO3 ceramics near the morphotropic phase boundary. Journal of Materials Research, 2001, 16, 834-836.	2.6	28
63	Microwave Dielectric Properties of BaTi₅O₁₁ Ceramics Prepared by Reactionâ€Sintering Process with the Addition of CuO. Journal of the American Ceramic Society, 2008, 91, 3444-3447.	3.8	28
64	Microwave Dielectric Properties Trends in a Solid Solution (Bi_{1â^'x}Ln_x)₂Mo₂O₉ (Ln=La,) Tj ETQq0 0 0 rgBT /Overlo	Q	28
65	Silver Coâ€Firable ZnTiNb₂O₈ Microwave Dielectric Ceramics with Li₂Oâ€“ZnOâ€“B₂O₃ Glass Additive. International Journal of Applied Ceramic Technology, 2010, 7, E144.	2.1	28
66	Dielectric Properties of an Ultraâ€Lowâ€Temperature Cofiring Bi₂Mo₂O₉ Multilayer. Journal of the American Ceramic Society, 2010, 93, 1443-1446.	3.8	28
67	Effect of TC(002) on the Output Current of a ZnO Thin-Film Nanogenerator and a New Piezoelectricity Mechanism at the Atomic Level. ACS Applied Materials & Interfaces, 2019, 11, 12656-12665.	8.0	27
68	Structure and Optical Properties of SrTiO3 Thin Films Prepared by a Solâ€“Gel Technique. Physica Status Solidi A, 1998, 169, 227-233.	1.7	26
69	Preparation and characterization of high T c (1â^'x) BiScO3â^'xPbTiO3 ceramics from high energy ball milling process. Journal of Electroceramics, 2008, 21, 605-608.	2.0	26
70	Low-temperature sintering and microwave dielectric properties of TiO2-based LTCC materials. Journal of Materials Science: Materials in Electronics, 2010, 21, 1285-1292.	2.2	26
71	The role of PbO content on the dielectric and piezoelectric properties of PZN-based ceramics. Journal of Materials Science, 2001, 36, 247-253.	3.7	24
72	Structure, dielectric and optical properties of Bi1.5ZnNb1.5â^'xTaxO7 cubic pyrochlores. Journal of Applied Physics, 2007, 101, 104116.	2.5	24

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73	Dielectric Behavior and Cofiring with Silver of Monoclinic BiSbO₄ Ceramic. Journal of the American Ceramic Society, 2008, 91, 1380-1383.	3.8	24
74	Sintering Behavior, Phase Evolution, and Microwave Dielectric Properties of Bi(Sb_{1â^'x}Ta_x)O₄ Ceramics. Journal of the American Ceramic Society, 2008, 91, 2228-2231.	3.8	23
75	Ferroelectric and Ferromagnetic Properties of 0.7BiFe_{1â^'x}Cr_xO₃â€“0.3BaTiO₃ Solid Solutions. Journal of the American Ceramic Society, 2008, 91, 3731-3734.	3.8	23
76	Flexoelectric behavior in PIN-PMN-PT single crystals over a wide temperature range. Applied Physics Letters, 2017, 111, .	3.3	23
77	PbTiO₃ as Electronâ€Selective Layer for Highâ€Efficiency Perovskite Solar Cells: Enhanced Electron Extraction via Tunable Ferroelectric Polarization. Advanced Functional Materials, 2019, 29, 1806427.	14.9	23
78	Controlled Crystallization in Lead Zirconate Titanate Glassâ€Ceramics Prepared by the Solâ€Gel Process. Journal of the American Ceramic Society, 1998, 81, 1571-1576.	3.8	22
79	Sintering Behavior and Dielectric Properties of Bi3NbO7Ceramics Prepared by Mixed Oxides and High-Energy Ball-Milling Methods. Journal of the American Ceramic Society, 2007, 90, 327-329.	3.8	22
80	Effects of Glass Elements on the Structural Evolution ofin situGrown Ferroelectric Perovskite Crystals in Sol-gel Derived Glass-ceramics. Journal of Materials Research, 1997, 12, 1131-1140.	2.6	21
81	Microwave Dielectric Properties of ZnO-2TiO2-Nb2O5 Ceramics with BaCu (B2O5) Addition. Journal of Electronic Materials, 2009, 38, 711-716.	2.2	21
82	Microwave dielectric properties of low-firing BiNbO4 ceramics with V2O5 substitution. Journal of Electroceramics, 2008, 21, 469-472.	2.0	20
83	Dielectric behavior, band gap, in situ X-ray diffraction, Raman and infrared study on (1 â^') Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	3.6	20
84	Structure-property relationships in lead zinc niobate based ferroelectric ceramics. Journal of Applied Physics, 1998, 83, 1625-1630.	2.5	19
85	Composition gradient optimization and electrical characterization of (Pb,â€ŠCa)TiO3 thin films. Journal of Applied Physics, 2001, 89, 801-803.	2.5	19
86	Domain switching contribution to piezoelectric response in BaTiO3 single crystals. Applied Physics Letters, 2008, 93, .	3.3	19
87	Characterization of KNN Single Crystals by Slow-Cooling Technique. Ferroelectrics, 2009, 381, 1-8.	0.6	19
88	Equilibrium self-assembly of close-packed ordered PbTe nanocrystal thin film and near-infrared photoconductive detector. Journal of Materials Chemistry, 2012, 22, 9082.	6.7	19
89	Analysis on dielectric response of polar nanoregions in paraelectric phase of relaxor ferroelectrics. Journal of Applied Physics, 2006, 100, 064319.	2.5	18
90	Dielectric relaxation in paraelectric phase of Ba(Ti,Sn)O3 ceramics. Journal of Electroceramics, 2008, 21, 226-229.	2.0	18

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91	Structures and electrical properties of Mn- and Co-doped lead-free ferroelectric K0.5Na0.5NbO3 films prepared by a chemical solution deposition method. Thin Solid Films, 2013, 537, 65-69.	1.8	17
92	Microwave dielectric properties of the 5.7Li2Oâ€“Nb2O5â€“7.3TiO2 ceramics. Journal of Materials Science, 2008, 43, 3725-3727.	3.7	16
93	Effect of Zn2+Substitution on Sintering Behavior and Dielectric Properties of NdNbO4Ceramics. Ferroelectrics, 2010, 407, 61-68.	0.6	16
94	New Microwave Dielectric Ceramics <scp>BaLn₂(MoO₄)₄</scp> (<scp>Ln</scp>Â=Â<scp>Nd</scp> and <scp>Sm</scp>) with Low Loss. Journal of the American Ceramic Society, 2011, 94, 2800-2803.	3.8	16
95	PHASE EVOLUTION AND MICROWAVE DIELECTRIC PROPERTIES OF (Li_{0.5}Bi_{0.5})(W_{1-x}Mo_x) 1250042.	1.2	16
96	Substantially improved energy density of SrTiO3 thin film by cyclic coolingâ€“heating and the interfacial blocking effect. Journal of Materials Chemistry C, 2018, 6, 7101-7110.	5.5	16
97	Dielectric, pyroelectric and piezoelectric properties of (1-x)Pb(Ni1/3Nb2/3)O3-x PbTiO3 system. Journal of Materials Science Letters, 2001, 20, 273-275.	0.5	15
98	In-situ growth and spectrum characterization of ZnSe nanocrystals in silica gel-glasses. Science Bulletin, 2004, 49, 747-750.	1.7	15
99	Preparation and Properties of (110) Oriented Lead-Free Sodium Potassium Niobate Thin Films by MOD Method. Ferroelectrics, 2008, 367, 61-66.	0.6	15
100	Dielectric and magnetic properties of SrTiO3/NiZn ferrite/polypropylene composites for high-frequency application. Journal of the Ceramic Society of Japan, 2008, 116, 418-421.	1.1	14
101	Microwave dielectric properties of 3Li2Oâ€“Nb2O5â€“3TiO2 ceramics with Li2Oâ€“V2O5 additions. Journal of Materials Science: Materials in Electronics, 2009, 20, 39-43.	2.2	14
102	Synthesis and dielectric properties of new compounds with pyrochlore type structure. Ferroelectrics, 1994, 154, 319-324.	0.6	13
103	Phase transitions due to polar region structure in disordered ferroelectrics. Journal of Materials Science, 1999, 34, 6143-6149.	3.7	13
104	Sintering Behavior, Structures, and Microwave Dielectric Properties of (Li_xNb_{3x})Ti_{1â^’4x}O₂. Journal of the American Ceramic Society, 2008, 91, 2947-2951.	3.8	13
105	Flexoelectric fatigue in (K,Na,Li)(Nb,Sb)O3 ceramics. Applied Physics Letters, 2018, 113, .	3.3	13
106	Melting Properties of Bi₂O₃â€“ZnOâ€“Nb₂O₅â€“Based Dielectric Ceramics. Journal of the American Ceramic Society, 1999, 82, 2551-2552.	3.8	12
107	Effect of B2O3 and CuO additions on the sintering temperature and microwave dielectric properties of 3Li2Oâ€“Nb2O5â€“3TiO2 ceramics. Journal of Materials Science: Materials in Electronics, 2009, 20, 283-288.	2.2	12
108	Novel Competitive Chemiluminescence DNA Assay Based on Fe3O4@SiO2@Au-Functionalized Magnetic Nanoparticles for Sensitive Detection of p53 Tumor Suppressor Gene. Applied Biochemistry and Biotechnology, 2019, 187, 152-162.	2.9	12

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109	Temperature Dependence of Ultra-Low-Frequency Dielectric Relaxation of Barium Titanate Ceramic. Journal of the American Ceramic Society, 1992, 75, 2939-2944.	3.8	11
110	Structures and Properties of Doped Bismuth Zinc Niobate Cubic Pyrochlore Thin Films Prepared by Pulsed Laser Deposition. Ferroelectrics, 2009, 381, 87-91.	0.6	11
111	Sintering behavior, structures and microwave dielectric properties of a rutile solid solution system: (AxNb2x)Ti1â€“3xO2 (A=Cu, Ni). Journal of Electroceramics, 2009, 23, 13-18.	2.0	11
112	Microwave dielectric properties of the 5.5Li2Oâ€“Nb2O5â€“7TiO2 ceramics. Applied Physics A: Materials Science and Processing, 2009, 95, 513-516.	2.3	11
113	Hydrostatic Pressure Dependence of Dielectric, Elastic, and Piezoelectric Properties of Pb(Mg_{1/3}Nb_{2/3})O₃â€“0.33PbTiO₃ Ceramic. Journal of the American Ceramic Society, 2011, 94, 2946-2950.	3.8	11
114	SINTERING BEHAVIOR AND MICROWAVE DIELECTRIC PROPERTIES OF NOVEL LOW TEMPERATURE FIRINGBi₃FeMo₂O₁₂CERAMIC. Journal of Advanced Dielectrics, 2011, 01, 379-382.	2.4	11
115	Enhanced energy harvesting performance of the piezoelectric unimorph with perpendicular electrodes. Applied Physics Letters, 2014, 105, .	3.3	11
116	Development of Ba-Ti-B glass-ceramic thick-film capacitors by sol-gel technology. IEEE Transactions on Components, Packaging and Manufacturing Technology Part C Manufacturing, 1998, 21, 20-25.	0.4	10
117	Thermal Expansion Characteristics In [001]-Oriented PMN-0.32PT Single Crystals. Ferroelectrics, 2007, 355, 245-251.	0.6	10
118	Structural and dielectric properties of Bi doped Ba0.6Sr0.4TiO3 ceramics. Journal of Materials Science, 2008, 43, 1144-1150.	3.7	10
119	Phase evolution, Raman spectroscopy and microwave dielectric behavior of (Li1/4Nb3/4) doped ZrO2-TiO2 system. Applied Physics A: Materials Science and Processing, 2010, 100, 1205-1209.	2.3	10
120	Low loss flexible SrTiO3/POE dielectric composites for microwave application. Journal of Electroceramics, 2010, 24, 20-24.	2.0	10
121	Dynamic pyroelectric response of PLT thin film. Ferroelectrics, 1994, 154, 313-318.	0.6	9
122	Pore size control of porous silica by sol-gel process. Ferroelectrics, Letters Section, 1995, 19, 89-94.	1.0	9
123	Dielectric behavior of poled complex perovskite relaxor ferroelectrics. Science Bulletin, 1997, 42, 169-172.	1.7	9
124	Effects of Thermal Annealing on the Dielectric and Piezoelectric Properties of PZN-PT-BT Ceramics. Journal of Materials Science Letters, 1998, 17, 861-863.	0.5	9
125	Effect of poly(vinyl acetate) on structures and properties of PbZr0.52Ti0.48O3 thick films. Journal of Applied Physics, 2007, 102, 084109.	2.5	9
126	Dielectric and piezoelectric properties in fluoride-doped PMNT ceramics. Journal of Electroceramics, 2008, 21, 593-596.	2.0	9

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127	Bi1.5ZnNb1.5O7 cubic pyrochlore ceramics prepared by aqueous solutionâ€“gel method. Journal of Sol-Gel Science and Technology, 2009, 52, 153-157.	2.4	9
128	Microwaves Dielectric Properties of 3Li₂O-Nb₂O₅-6TiO₂Ceramics with B₂O₃Addition. Ferroelectrics, 2010, 407, 93-100.	0.6	9
129	Temperature dependence of dielectric and piezoelectric properties of (1â^'x)(BiScO3â€“0.64PbTiO3)â€“xLiNbO3 high-temperature relaxor ferroelectric ceramics. Journal of Materials Science: Materials in Electronics, 2011, 22, 1490-1494.	2.2	9
130	Phase Evolution and Microwave Dielectric Properties of (<scp><scp>Bi</scp></scp>_{1â^'x}<scp><scp>Fe</scp></scp>_x)<scp><scp>VO</scp></scp><su (xÂ‰Â0.40) Ceramics. Journal of the American Ceramic Society, 2014, 97, 2915-2920.	3.8	9
131	Structure characteristics and Curie temperature of magnesium diffused lithium niobate singleâ€crystal substrates. Applied Physics Letters, 1995, 66, 1219-1221.	3.3	8
132	Dielectric and piezoelectric properties of PMN-PT ceramics prepared by molten salt synthesis. Ferroelectrics, 1998, 215, 181-186.	0.6	8
133	Effects of thermal annealing on the dielectric properties of Pb(Zn_{1/3}Nb_{2/3})O₃-based ceramics. Journal of Materials Research, 1999, 14, 1683-1685.	2.6	8
134	Preparation and Structure of PbTiO3/Pt/PbTiO3 Multilayer Thin Films on Pt/Ti/SiO2/Si Substrates. Journal of Materials Science Letters, 1999, 18, 21-23.	0.5	8
135	Properties of PbLa(Zr,Sn,Ti)O3 ceramics near ferroelectric-antiferroelectric phase boundary. Science Bulletin, 2006, 51, 1000-1004.	1.7	8
136	Dielectric loss anomalies of 0.68PMNâ€“0.32PT single crystal and ceramics at cryogenic temperature. Journal of Electroceramics, 2008, 21, 279-282.	2.0	8
137	Dielectric and relaxor ferroelectric properties of Ba-doped Pb(Zr,Ti)O3 ceramics. Journal of Electroceramics, 2008, 21, 609-612.	2.0	8
138	Ferroelectric Thin Film Diaphragm Resonators for Bio-Detection. Ferroelectrics, 2010, 410, 145-151.	0.6	8
139	Temperature Dependence of Domain Structure in (K_{0.17}Na_{0.83})NbO₃Lead Free Piezoelectric Single Crystal Grown by Bridgman Method. Ferroelectrics, 2010, 404, 200-206.	0.6	8
140	Enhanced Structures and Electrical Properties of Leadâ€Free K_{0.5}Na_{0.5}NbO₃â€“Bi_{0.5}Na_{0.5}TiO₃3.8 0â€“3 Composite FerroelectricThick Films. Journal of the American Ceramic Society, 2011, 94, 3425-3430.	3.8	8
141	Enhanced dielectric properties of low-temperature-sintered Ba0.6Sr0.4TiO3 thick films. Journal of Electroceramics, 2011, 26, 99-104.	2.0	8
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